

**Listing of the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-17 (canceled).

18. (previously presented): A method of surface polishing of at least one principal surface of an optical article made from transparent thermoplastic material comprising the successive steps of:

grinding;

fine grinding; and

polishing;

wherein the fine grinding and/or the polishing comprises attacking the principal surface of the article with a solvent or a mixture of organic solvents of the transparent thermoplastic material.

19. (previously presented): The method of claim 18, wherein polishing comprises attacking the principal surface of the article with a solvent or a mixture of organic solvents of the transparent thermoplastic material.

20. (previously presented): The method of claim 18, wherein the attacking comprises centrifugation of the solvent or mixture of solvents on the principal surface of the article.

21. (previously presented): The method of claim 20, wherein the attacking is further defined as comprising a radial disposition of the solvent or mixture of solvents on the principal surface.

22. (previously presented): The method of claim 21, wherein the radial deposition takes place from the center to the edge of the article.

23. (previously presented): The method of claim 18, wherein the attacking is performed by contacting the principal surface with a vapor of the solvent or mixture of solvents.
24. (previously presented): The method of claim 23, wherein the vapor is produced by heating the solvent or mixture of solvents.
25. (previously presented): The method of claim 24, wherein the solvent or mixture of solvents is heated to its boiling point.
26. (previously presented): The method of claim 25, wherein the optical article is heated to a temperature lower than the boiling point of the solvent or mixture of solvents.
27. (previously presented): The method of claim 23, wherein the contacting of the principal surface with the vapor of the solvent or mixture of solvents comprises saturation with the vapor of the solvent or mixture of solvents.
28. (previously presented): The method of claim 27, wherein the solvent vapor is at ambient temperature.
29. (previously presented): The method of claim 18, wherein attacking comprises both an attacking by centrifugation of the solvent or the mixture of organic solvents and an attacking with a vapor phase of the solvent or mixture of organic solvents.
30. (previously presented): The method of claim 29, wherein the attacking by centrifugation of the solvent or mixture of organic solvents occurs before the attacking with a vapor phase of the solvent or mixture of organic solvents.
31. (previously presented): The method of claim 29, wherein the attacking by centrifugation of the solvent or mixture of organic solvents follows the attacking with the vapor phase of the solvent or mixture of organic solvents.

32. (previously presented): The method of claim 18, wherein the solvent is selected from the group consisting of dichloromethane, the dichloroethanes, acetone, methyl ethyl ketone, trichloromethane, THF and dioxane.

33. (previously presented): The method of claim 18, wherein the transparent thermoplastic material is polycarbonate.

34. (previously presented): The method of claim 18, wherein the optical article is further defined as a spectacle lens.